

Sinapis arvensis

Habitus and growth type

Plant height [m]: **0.58**

Life span: **Annual**

Life form: **Therophyte**

Leaf

Specific leaf area [mm²/mg]: **39.01**

Flower

Flowering period: **February-October**

Fruit, seed and dispersal

Seed mass [mg]: **2.05**

Dispersal mode: **Local non-specific dispersal, Anthropochory**

Dispersal distance class: **2, 7**

Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

Taxon origin

Origin in Europe: **native**

Ecology

Environmental relationships

Substrate humidity relationship: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.4**

Temperature indicator value: **5.4**

Moisture indicator value: **4.4**

Reaction indicator value: **7.7**

Nutrient indicator value: **6.4**

Salinity indicator value: **0.1**

Disturbance indicator values

Disturbance frequency: **1.78**

Disturbance frequency (herb layer): **1.97**
Disturbance severity: **0.83**
Disturbance severity (herb layer): **0.82**
Mowing frequency: **0.48**
Grazing pressure: **0.14**
Soil disturbance: **0.76**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [QA \(PAR\) *Papaveretea rhoeadis*](#), [QB \(SIS\) *Sisymbrietea*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [V11 Intensive unmixed crops](#), [V12 Mixed crops of market gardens and horticulture](#), [V13 Arable land with unmixed crops grown by low-intensity agricultural methods](#), [V15 Bare tilled, fallow or recently abandoned arable land](#)

Constant species of EUNIS habitats: [V11 Intensive unmixed crops](#), [V12 Mixed crops of market gardens and horticulture](#), [V13 Arable land with unmixed crops grown by low-intensity agricultural methods](#), [V15 Bare tilled, fallow or recently abandoned arable land](#)

Broad habitat

Occurrence in broad habitats: **Sparsely vegetated (incl. rock and scree)**,
Synanthropic

Distribution

Continentality amplitude: **5**